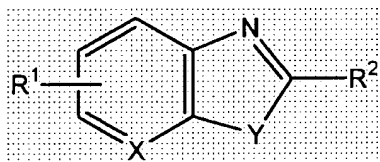


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Original) A method for inhibiting 5-lipoxygenase in a subject, comprising administering a compound of formula (I) or a pharmaceutically acceptable salt thereof to the subject in an amount effective for the inhibition of 5-lipoxygenase:



(I)

wherein

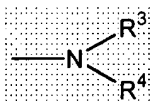
X is CH or N;

Y is S or O;

R¹ is H, OH, halogen, C₁₋₆ alkyl, nitro, cyano, amino, di-C₁₋₆ alkylamino, C₁₋₆ alkoxy, C₁₋₆ hydroxyalkyl or C₁₋₆ alkylcarbonyl; and

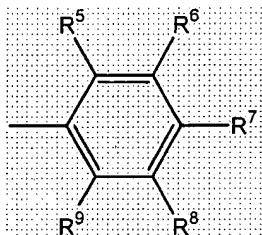
R² is

(i)



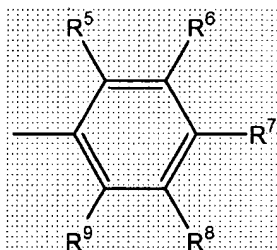
wherein R³ is H or C₁₋₆ alkyl;

R⁴ is



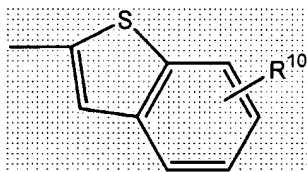
wherein R^5 , R^6 , R^7 , R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di- C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl, phenylazo, C_{1-6} alkylphenylazo, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl,

(ii)



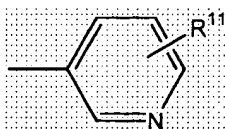
wherein R^5 , R^6 , R^7 , R^8 and R^9 are as defined in (i),

(iii)



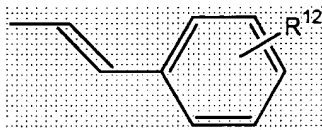
wherein R^{10} is H or C_{1-6} alkyl,

(iv)



wherein R^{11} is H, C_{1-6} alkyl, halogen, mercapto or C_{1-6} mercaptoalkyl, or

(v)

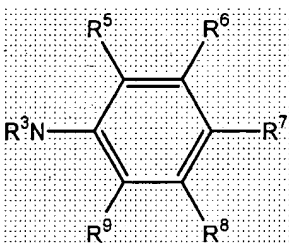


wherein R^{12} is H, OH, halogen, C_{1-6} alkyl, nitro, cyano, amino, di- C_{1-6} alkylamino, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl.

2. (Currently amended) The method of claim 1, which is used for preventing or treating a leukotriene-related disease selected from the group consisting of: asthma, pertussis, psoriasis, rheumatic arthritis, arthritis, inflammatory bowel disease, cystic fibrosis, acute/chronic bronchitis, ~~gout~~, sepsis, cardiac myoischemia, cardiac anaphylaxis, ~~cerebrovascular convulsion~~, ischemia and allergic rhinitis.

3. (Original) The method of claim 2, wherein the disease is asthma.

4. (Previously presented) The method of claim 1, wherein R^2 is



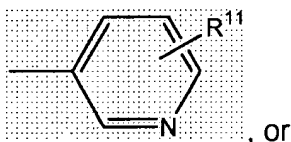
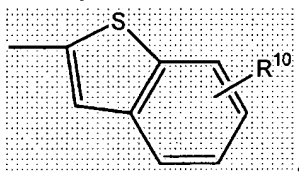
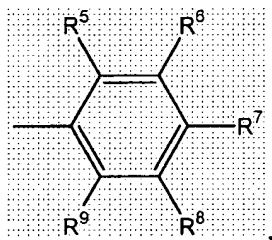
wherein

R^3 is H or C_{1-6} alkyl;

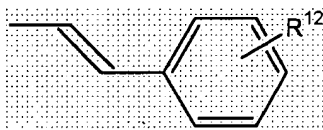
R^5 , R^6 , R^7 , R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di- C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl, phenylazo, C_{1-6} alkylphenylazo, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl.

5. (Original) The method of claim 4, wherein R^1 is H, halogen, C_{1-6} alkyl or nitro; and R^5 , R^6 , R^7 , R^8 and R^9 are independently H, halogen, C_{1-6} alkyl or phenylazo.

6. (Previously presented) The method of claim 1, wherein R^2 is



, or



wherein

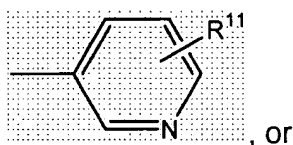
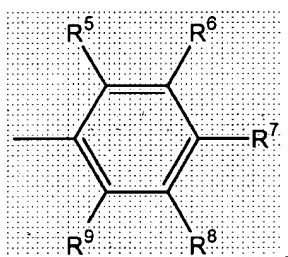
R^5 , R^6 , R^7 , R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di- C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl, phenylazo, C_{1-6} alkylphenylazo, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl;

R^{10} is H or C_{1-6} alkyl;

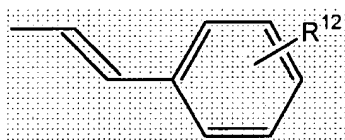
R^{11} is H, C_{1-6} alkyl, halogen, mercapto or C_{1-6} mercaptoalkyl; and

R^{12} is H, OH, halogen, C_{1-6} alkyl, nitro, cyano, amino, di- C_{1-6} alkylamino, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl.

7. (Previously presented) The method of claim 6, wherein R^1 is H or C_{1-6} alkyl; and R^2 is



, or



wherein R^5 , R^6 , R^7 , R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di- C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl or C_{1-6} alkoxy;

R^{11} is H, C_{1-6} alkyl, halogen, mercapto or C_{1-6} mercaptoalkyl; and

R^{12} is H, halogen or C_{1-6} alkyl.

8. (Canceled)

9. (Canceled)

10. (Previously presented) The method of claim 1, wherein the compound of formula (I) is

